



**ANTI-SEIZE TECHNOLOGY**  
A.S.T. Industries, Inc.

H.M.I.S.	
H -	1
F -	0
R -	0
P.P.	A

# AST-RTV™ SILICONE

## ADHESIVE / SEALANT / INSTANT GASKET

STOCK # ('S): 27104, 27106, 27107, 27108, 27109, 27110, 27105, 27034, 27036,

# MATERIAL SAFETY DATA SHEET

### Section 1- Chemical Product and Company Identification

**Manufacture:** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 or 352-323-3500

### Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL, TLV	SARA III	PROP 65,	PERCENT
METHOXYPOLYDIMETHYLSILOXANE	68037-58-1	NOT ESTABLISHED	NO	NO	1 - 5
METHYLPOLYSILOXANE	63148-62-9	NOT ESTABLISHED	NO	NO	1 - 5
METHYLTRIMETHOXY SILANE	1185-55-3	NOT ESTABLISHED	NO	NO	5 - 15
DIMETHYL SILOXANE HYDROXY TERMINATED	70131-67-8	NOT ESTABLISHED	NO	NO	70 - 90

ACETIC ACID FUMES ARE FORMED DURING THE CURING PROCESS. THESE FUMES MAY BE IRRITATING TO THE RESPIRATORY TRACT.

THE EXPOSURE LIMITS FOR ACETIC ACID IS 10ppm (PEL), 15ppm (STEL)

### Section 3- Hazard Identification

**ROUTES OF ENTRY:**  SKIN  EYES  INHALATION  INGESTION

**HEALTH HAZARDS:** READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.

THIS PRODUCT RELEASES ACETIC ACID VAPORS WHEN THE PRODUCT IS CURING. THESE VAPORS MAY IRRITATE THE SKIN OR RESPIRATORY TRACT IF THE CONCENTRATION IS HIGH ENOUGH. THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE HEALTH REACTION UNDER NORMAL CONDITIONS OF USE. MAINTAIN THE AIR QUALITY BY USING WITH ADEQUATE VENTILATION, LOCAL EXHAUST OR RESPIRATOR. IF PROLONGED SKIN CONTACT IS EXPECTED, WEAR LATEX GLOVES TO MINIMIZE EXPOSURE.

AT TEMPERATURES EXCEEDING 300 F, THIS PRODUCT CAN FORM FORMALDEHYDE VAPORS WHICH IS A POTENTIAL CARCINOGEN.

### Section 4 – First Aid Measures

**SKIN:** WASH WITH SOAP AND WATER, USING A NAIL BRUSH. PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

**EYES:** FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

**INGESTION:** NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

**INHALATION:** THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY AFFECT THE RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM. AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES.

**CHEMICAL ('S) LISTED AS CARCINOGENS**

NPT? NO I.A.R.C. ? : NO OSHA? : NO

### Section 5 – Fire Fighting Measures

**AEROSOL FLAMMABILITY:** PRODUCT IN NON-FLAMMABLE,

**FLAMMABLE LIMITS:** LEL: NO DATA UEL: NO DATA

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** CANS MAY RUPTURE, BURST IN A FIRE. USE EXTREME CAUTION. WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP. WEAR GOGGLES AND A SELF CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CANS MAY RUPTURE OR BURST, RELEASING THEIR CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

### Section 6 – Accidental Release Measures

**SPILL/ LEAKAGE PROCEDURES:** AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL.

### Section 7 – Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL, WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F.

**OTHER PRECAUTIONS:** DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

### Section 8 – Exposure Controls / Personal Protection

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED. LATEX GLOVES IF PROLONGED SKIN CONTACT IS EXPECTED.

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SPLASH SHIELDS ARE RECOMMENDED.

**WORK/HYGIENIC PRACTICES:** USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

### Section 9 – Physical and Chemical Properties

**BOILING POINT:** DOES NOT APPLY

**MELTING POINT:** DOES NOT APPLY

**VAPOR DENSITY (AIR = 1):** NO DATA

**EVAPORATION RATE (BUTYL ACETATE = 1):** < 1

**APPEARANCE AND ODOR:** GELLED SEALANT WITH SLIGHT VINEGAR LIKE ODOR

**SOLUBILITY IN WATER:** NIL

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 1.04

**VOC CONTENT:** 4.3%, 44.7g/L

### Section 10 – Stability and Reactivity

**STABILITY:** (X) STABLE ( ) UNSTABLE

**CONDITIONS TO AVOID:** EXPOSURE TO OPEN FLAMES.

**INCOMPARABILITY, (MATERIALS TO AVOID):** STRONG OXIDIZING AGENTS. WATER WILL CAUSE THE SEALANT TO CURE.

**HAZARDOUS DECOMPOSITION PRODUCTS:** ACETIC ACID VAPORS. THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED, SOME OF WHICH MAY BE TOXIC OR IRRITATING.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

### Section 11 – Toxicological Information

SEE SECTION 2 FOR ADDITIONAL INFORMATION AND EXPOSURE LIMITS

### Section 12 – Ecological Information

NO ADDITIONAL INFORMATION IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE.

### Section 13 – Disposal Consideration

**WASTE DISPOSAL:** DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. INCINERATION IS THE PREFERRED METHOD OF DISPOSAL, ALTHOUGH IT MAY BE LANDFILLED AT AN APPROVED FACILITY.

### Section 14- Transport Information

**TRANSPORTATION BY LAND (49CFR):** NOT REGULATED

**TRANSPORTATION BY AIR (ICAO/IATA):** NOT REGULATED

**TRANSPORTATION BY SHIP (IMO/IMDG):** NOT REGULATED

**WHMIS:** NOT REGULATED.

### Section 15 – Regulatory Information

**CALIFORNIA PROPOSITION 65:** NO

**SHIPPING NAME:** CONSUMER COMMODITY

**RCRA:** NO

**SARA TITLE III:** NO

**CERCLA:** NO

**TASCA INVENTORY:** ALL INGREDIENTS LISTED

**N.F.P.A. RATING:** H-1, F-1, R-0

**UN or ID NUMBER:**

**TASCA:** ALL COMPONENTS LISTED

**OZONE DEPLETING SUBSTANCES:** NO PROPER

**DOT HAZARD CLASS:** UNRESTRICTED

**IDENTIFICATION NUMBER:** ONE

**MARINE POLLUTANT:** NO

**IATA:** NO RESTRICTIONS

**PROPER SHIPPING NAME:** CONSUMER COMMODITY

**CLASS OR DIVISION:**

### Section 16 – Other Information:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE, HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS OBTAINED FROM THE USE OF HIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR ITS USE.

**DATE:** 01/15/2009

**AST-RTV SILICONES , 16 PART ISO MSDS**